

Title (en)
METHOD FOR CONNECTING PARTS

Title (de)
VERFAHREN ZUM VERBINDEN VON TEILEN

Title (fr)
PROCEDE D'ASSEMBLAGE DE PIECES

Publication
EP 1492643 B2 20090527 (DE)

Application
EP 03720428 A 20030407

Priority

- DE 10215900 A 20020411
- DE 10219235 A 20020430
- EP 0303575 W 20030407

Abstract (en)
[origin: WO03084709A1] Disclosed is a method for interconnecting parts which are made of materials that are impossible or difficult to solder by means of tin-based solder or connecting said parts to parts made of materials that are easy to solder. The inventive method is characterized by the fact one or several metallic adhesive layers is/are applied at least to partial areas which are to be connected and are made of materials that are impossible or difficult to solder, one of said adhesive layers forming a top adhesive layer. At least said top adhesive layer can be soldered by means of tin-based solder.

IPC 8 full level
B23K 35/00 (2006.01); **B05D 7/06** (2006.01); **B29C 65/00** (2006.01); **C03C 27/00** (2006.01); **C03C 27/04** (2006.01); **C04B 37/00** (2006.01); **C23C 4/12** (2006.01); **B05D 5/06** (2006.01)

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B05D 7/06 (2013.01); **B23K 35/001** (2013.01); **C03C 27/046** (2013.01); **C04B 37/026** (2013.01); **C23C 4/131** (2016.01); **B05D 5/067** (2013.01); **B32B 2311/20** (2013.01); **C04B 2237/12** (2013.01); **C04B 2237/32** (2013.01); **C04B 2237/40** (2013.01); **C04B 2237/406** (2013.01)

Citation (opposition)
Opponent :

- DE 19916618 A1 20000810 - MURATA MANUFACTURING CO [JP]
- US 4341816 A 19820727 - LAUTERBACH RICHARD, et al
- "Brockhaus-Enzyklopädie", 1989, F.A.BROCKHAUS, MANNHEIM, article "in 24 Bd.-19., völlig neubearb. Aufl. - Bd. 8 Fru-Gos."

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
WO 03084709 A1 20031016; AU 2003224044 A1 20031020; DE 50300776 D1 20050818; EP 1492643 A1 20050105; EP 1492643 B1 20050713; EP 1492643 B2 20090527

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